

ABSTRACT OF THE DISCLOSURE

A Dedicated Short-Range Communications (DSRC) on-board unit with an adhesive material includes: an antenna and a radio portion for communicating with roadside radio equipment; a data processing portion for processing data received from the radio portion; a housing in which at least the antenna, the radio portion, and the data processing portion are housed; and a double-sided adhesive tape having a first surface affixed to the housing and a second surface for affixing to a vehicle window, an aperture being formed in the double-sided adhesive tape and a protruding portion inserted into the double-sided adhesive tape being disposed on the housing.